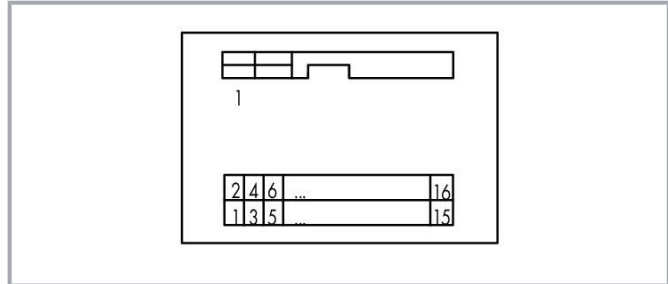


## Data sheet | Item number: 289-613

Interface module; Pluggable connector per DIN 41651; 16-pole; Double-deck PCB terminal blocks; in mounting carrier; 2,50 mm<sup>2</sup>



[www.wago.com/289-613](http://www.wago.com/289-613)



## Data

### Electrical data

Operating voltage	≤ AC/DC 125 V
Nominal current	1 A

### Safety and protection

Rated voltage	125 V
Rated surge voltage	0.8 kV
Pollution degree	2
Protection type	IP20
Insulation type	Basic insulation

Subject to changes. Please also observe the further product documentation!

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Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



## Connection data

Performance level	3 / 50 mating cycles
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## Connection 1

Connector	DIN 41651 connector; male connector
Pole number 1	16
Connection type 1	System
Note (conductor cross-section)	12 AWG: THHN, THWN
Mating direction	vertical
Connection type	Male connector; pluggable connector per DIN 41651

## Connection 2

Design 2	PCB terminal blocks (double-deck)
Pole number 2	16
Connection type 2	Field
Connection technology 2	CAGE CLAMP®
WAGO connector 2	WAGO 736 Series
Solid conductor 2	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Fine-stranded conductor 2	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Strip length 2	5 ... 6 mm / 0.2 ... 0.24 inches

## Physical data

Width	45 mm / 1.772 inches
Height	85 mm / 3.346 inches
Depth from upper-edge of DIN-rail	48 mm / 1.89 inches

## Mechanical Data

Mounting type	DIN-35 rail
Housing design	Mounting carrier

## Material Data

Contact material (connector)	Au over Ni
Fire load	0.947 MJ
Weight	58.7 g

Subject to changes. Please also observe the further product documentation!

## Environmental requirements

Ambient temperature (operation)	-20 ... +55 °C
Ambient temperature (storage)	-40 ... +70 °C
Relative humidity	85% (non-condensing)
Operating altitude (max.)	2000 m

## Standards and specifications

Standards/specifications	EN 61010-2-201
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## Commercial data


Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	27-14-11-52
eCl@ss 9.0	27-14-11-52
ETIM 8.0	EC002780
ETIM 7.0	EC002780
PU (SPU)	20 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4045454405465
Customs tariff number	85366990990

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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## Approvals / Certificates

### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	EAC Brjansker Zertifizierungsstelle	TP TC 004/2011	EAC RU C-DE.AM02.B.00122 /19

## Optional accessories

Tool
Operating tool

Subject to changes. Please also observe the further product documentation!



**Item no.: 210-720**

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

[www.wago.com/210-720](http://www.wago.com/210-720)

### Marking accessories

#### Marking strip



**Item no.: 709-196**

Marking strips; for laser printer; translucent

[www.wago.com/709-196](http://www.wago.com/709-196)



**Item no.: 709-178**

Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white

[www.wago.com/709-178](http://www.wago.com/709-178)



**Item no.: 709-177**

Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent

[www.wago.com/709-177](http://www.wago.com/709-177)

### Downloads

#### Documentation

##### Bid Text

289-613 X81 - Datei	2019 Feb 19	xml 3.5 kB	Download
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289-613 doc - Datei	2015 Feb 9	doc 26.1 kB	Download
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##### Instruction Leaflet

		pdf 1.3 MB	Download
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##### Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 Aug 18	pdf 2.2 MB	Download
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### CAD/CAE-Data

#### CAD data

2D/3D Models 289-613		URL	Download
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Subject to changes. Please also observe the further product documentation!

### CAE data

EPLAN Data Portal 289-613	<a href="#">URL</a>	<a href="#">Download</a>
WSCAD Universe 289-613	<a href="#">URL</a>	<a href="#">Download</a>
ZUKEN Portal 289-613	<a href="#">URL</a>	<a href="#">Download</a>

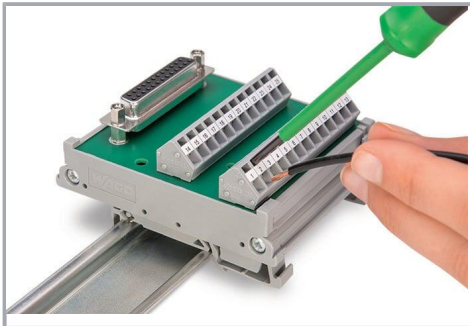
### Environmental Product Compliance

#### Compliance Search

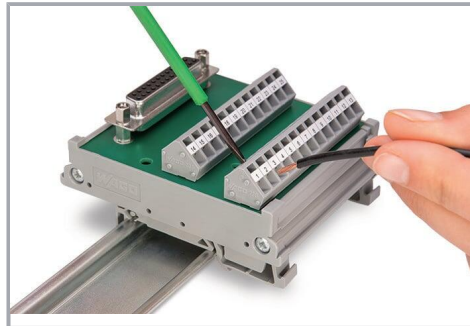
Environmental Product Compliance 289-613 Interface module; Pluggable connector per DIN 41651; 16-pole; Double-deck PCB terminal blocks; in mounting carrier; 2,50 mm <sup>2</sup>	<a href="#">URL</a>	<a href="#">Download</a>
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### Installation Notes

#### Conductor termination



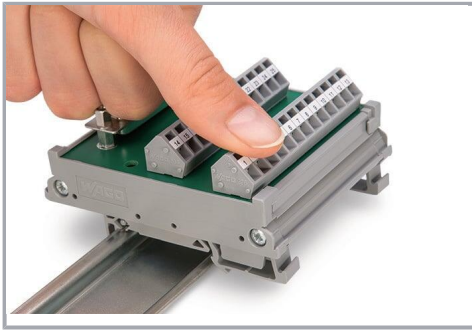
Conductor termination – screwdriver actuation parallel to conductor entry



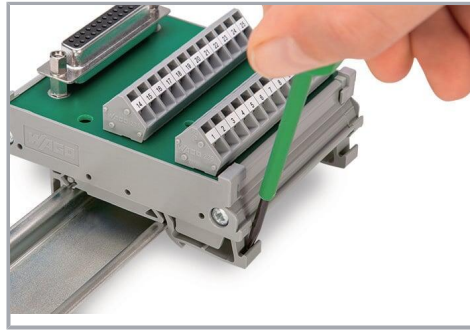
Conductor termination – screwdriver actuation perpendicular to conductor entry

#### Installation

Subject to changes. Please also observe the further product documentation!



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.

Subject to changes. Please also observe the further product documentation!